

Amendments To the Claims:

Please amend the claims as shown.

1. (currently amended) A Method for coating a substrates (1) having at least one hole (4),
comprising:
~~wherein, covering in a first step, the at least one hole (4), of which there is at least one, is covered by with a plug (16);~~
~~applying in a further step, at least one layer (13) is applied to a surface (3) of the substrate (1) and via a low-temperature coating process being used as the method of applying the layer (13); and~~
~~irradiating in a further step, irradiation of a surface (15) of the at least one layer (13), of which there is at least one, taking place so as to provide better improve adhesion of particles of the layer and to ensure homogenization of particles in the near-surface region of the layer (13).~~
2. (currently amended) A Method according to Claim 1, ~~characterized in that~~ wherein the substrate (1) is a turbine blade.
3. (currently amended) A Method according to Claim 1, ~~characterized in that~~ wherein during irradiation a region below the surface (15) of the layer (13) is at least partially fused.
4. (currently amended) A Method according to Claim 1, ~~characterized in that~~ wherein an electrochemical method for depositing layers is used as the low-temperature coating process.
5. (currently amended) A Method according to Claim 1, ~~characterized in that~~ wherein the temperature for the low-temperature coating process is below 250°C, specifically below 100°C.
6. (currently amended) A Method according to Claim 1, ~~characterized in that~~ wherein irradiation of the surface (15) is performed using pulsed electron irradiation.
7. (currently amended) A Method Method according to Claim 1, ~~characterized in that~~ wherein irradiation of the surface (15) is performed using a laser treatment.

8. (currently amended) A Method according to Claim 1, ~~characterized in that~~ wherein during or at the end of irradiation of the surface (15), the plug (16) is removed from the near-surface region of the hole (4).
9. (currently amended) A Method according to Claim 8, ~~characterized in that~~ wherein the plug (16) is removed by evaporation.
10. (currently amended) A Method according to Claim 1, ~~characterized in that~~ wherein the layer (13) is a ceramic, specifically a ceramic heat insulating layer, or a metal, specifically a MCrAlY coating (M= Fe, Co, Ni).
11. (currently amended) A Method according to Claim 1, ~~characterized in that~~ wherein the hole (4), of which there is at least one, is a film cooling hole or an impingement cooling hole.
12. (currently amended) A Method according to Claim 1, ~~characterized in that~~ wherein the plug (16) is of a wax-like material.
13. (new) A method for coating a turbine component having at least one hole, comprising:
covering the at least one hole with a plug;
applying at least one layer to a surface of the turbine component via a low-temperature coating process; and
irradiating a surface of the at least one layer to improve adhesion of particles of the layer and to ensure homogenization of particles in the near-surface region of the layer.
14. (new) A method for recoating a substrate, which has already been used and having at least one hole, comprising:
covering the at least one hole with a plug;
applying at least one layer to a surface of the turbine component, via a low-temperature coating process; and

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irradiating a surface of the at least one layer to improve adhesion of particles of the layer and to ensure homogenization of particles in the near-surface region of the layer.